



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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July 14, 1986

TO: Board of Oil Gas and Mining

THROUGH: Lowell Braxton, Administrator Mineral Resource
Development and Reclamation Program

FROM: John J. Whitehead, Permit Supervisor/Reclamation
Hydrologist

RE: Executive Summary, Longshot Mine, PRO/019/018, Grand
County, Utah

Attached is the Executive Summary for the Longshot Mine. Public notice has been given and the 30-day comment period will be completed on August 24, 1986.

To expedite the final approval on this matter, the Division requests that the Board approve the amount and form of the surety prior to the public comment period concluding. If no adverse comments are received at the end of the public comment period, the final approval will be given. If adverse public comments are received then the matter must be heard by the Board as required by Rule M-4.

djh
0844R-12

EXECUTIVE SUMMARY

Mine Name: Longshot Mine
Operator: Philip Gramlich
460 Rosetree Lane
Moab, Utah 84532
Telephone: (801) 259-7564
Contact Person: Philip Gramlich
Life of Mine: 3 Years
Legal Description: Section 23, Township 26 South, Range 23 East
Mineral(s) to be Mined: Precious Metals
Mining Methods: Placer Operation
Acres to be Disturbed: 8.5 Acres
Present Land Use: Mining, and Grazing
Postmining Land Use: Grazing
Variances from Reclamation Standards (Rule M-10) Granted: None

I. D. No.: ACT/019/018
County: Grand
New/Existing: New
Mineral Ownership: Fed. Patented
Surface Ownership: Federal
Lease No.(s):
Permit Term: 3 Years

Soils and Geology:

Soil Description: Silty Loam
pH: 6.1
Special Handling Problems: None
Geology Description: Streamlaid Gravel Deposits

Hydrology:

Ground Water Description: N/A
Surface Water Description: The North Fork of Mill Creek runs adjacent to the mine area.
Water Monitoring Plan: Settling ponds will be used to remove fine tailings.

Ecology:

Vegetation Type(s); Dominant Species: Pinyon-Juniper, Pinyon, Oak
Percent Surrounding Vegetative Cover: 20% understory cover, greater than 50% tree cover.
Wildlife Concerns: None - small disturbance area
Surface Facilities: 2 settling ponds, water gravity concentrator, 2 small sheds, and processing ponds
Mining and Reclamation Plan Summary: (See attached)

Surety:

Amount: \$3,611 (\$1,900 posted w/Forest Service, \$1,711 to be posted with the Division)
Form: _____
Renewable Term: _____

0800R-68

Longshot Mine Operations and Reclamation Summary

During Operations:

1. Proposed mining will disturb approximately nine (9) acres of gravel and channel fill deposits. A 0.9 acre processing area will be used to concentrate the ore.
2. Water will be diverted from the North Fork of Mill Creek to supply the processing plant and two (2) settling ponds.

Following Operations:

1. Coarse tailings will be replaced in the mined out areas to approximate original contour. Fine tailings removed from the settling ponds and stockpiled soil will be redistributed over the reshaped tailings.
2. The disturbed area will be revegetated with a grass-forb vegetative community.